



Leverage Langley's sensor and detector
experience

Talk with us to learn more about
working with Langley or licensing
our technologies.

NASA Langley's Sensors and Detectors

For More Information

At Langley Research Center we invent,
innovate, and create solutions. If you have
a technical challenge, talk with us.

The Technology Gateway

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Langley Research Center

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NP-2008-07-87-LaRC



The Technology Gateway

www.nasa.gov

NASA Langley Research Center is a national leader in sensors and detectors. We introduce tools to diagnose hidden damage to aircraft and spacecraft structures and pioneer arrays of sensors that work together to ensure the safety and operational efficiency of our spacecraft and aircraft. Leverage Langley's inventive work in sensors and detectors to meet your research and evaluation needs.

Our Capabilities

Talented researchers expert in nondestructive evaluation of all types of materials

State-of-the-art facilities for work on computational materials, advanced piezoelectric materials, and integrated composites at both the nano/micro and macro scales

Unique laser-based instruments for remote measurement of chemical and physical characteristics of atmospheres and entrained particulates



Our Successes



The Langley-developed Wyle Ride Quality Meter aids vehicle design, ensuring that passengers get a smooth, comfortable ride.

5 awards

100 patents and copyrights

60 licenses and partnership agreements

Your Opportunities

- **Innovate** ahead of the competition
- **Optimize** your products
- **Test and analyze** new product ideas
- **Reduce risk**
- **Save time and money**

Magnetic fields power a wireless sensor that measures fuel levels without opening the tank.

